

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment and announce a public hearing on a draft permit from the State Water Control Board that will allow the release of cooling water, treated industrial wastewater and stormwater into a water body in Fluvanna County, Virginia.

PUBLIC COMMENT PERIOD: October 30, 2015 to December 14, 2015. The public comment period totals 45 days; establishing a period for providing written comment before the public hearing that exceeds the minimum requirements and a shortened period for providing written comment after the public hearing.

PUBLIC HEARING: Central Elementary School, 3340 Central Plains Road, Palmyra, VA 22963 on December 1, 2015, at 7:00 p.m.

INFORMATIONAL BRIEFING: Staff will be available to answer questions during an informational briefing held at Central Elementary School on December 1, 2015, from 6:00 p.m. to 6:45 p.m.

PERMIT NAME: Virginia Pollutant Discharge Elimination System Permit – Cooling water, industrial wastewater and stormwater issued by DEQ, under the authority of the State Water Control Board

APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Virginia Electric and Power Company, 5000 Dominion Boulevard, Glen Allen, VA 23060, VA0004138

NAME AND ADDRESS OF FACILITY: Dominion – Brema Power Station, 1038 Brema Road, Brema Bluff VA 23022

PROJECT DESCRIPTION: Virginia Electric and Power Company has applied for reissuance of a permit for the Dominion – Brema Power Station. The applicant proposes to release cooling water, treated industrial wastewater and stormwater at a combined rate of 172.2 million gallons per day from seven outfalls into one water body. The reissuance addresses additional industrial wastewater and stormwater discharges associated with the closure of the facility's ash ponds pursuant to a 2015 U.S. Environmental Protection Agency (EPA) final Rule that regulates the disposal of coal combustion residuals (CCR). The facility proposes to release the cooling water, treated industrial wastewater and stormwater in the James River in Fluvanna County in the James River/Bear Garden Creek/South Creek watershed. A watershed is the land area drained by a river and its incoming streams. The permit will limit the following pollutants to amounts that protect water quality: pH, Total Recoverable Copper, Total Residual Chlorine, Heat Rejection, Total Suspended Solids, Oil and Grease, Total Iron, and Total Copper. The permit will monitor the following pollutants to protect water quality: Temperature, Total Nitrogen, Total Kjeldahl Nitrogen, Nitrate-N + Nitrite-N, Total Phosphorus, Acute Toxicity, and Chronic Toxicity. The permit will limit the following pollutants associated with the closure of the facility's ash ponds metal cleaning waste treatment basin to protect water quality: pH, Total Suspended Solids, Oil and Grease, Total Recoverable Antimony, Total Recoverable Arsenic, Total Recoverable Cadmium, Chloride, Total Recoverable Chromium III, Total Recoverable Chromium VI, Total Recoverable Copper, Total Recoverable Lead, Total Recoverable Mercury, Total Recoverable Nickel, Total Recoverable Selenium, Total Recoverable Silver, Total Recoverable Thallium, Total Recoverable Zinc, Ammonia as N, Acute Toxicity, and Chronic Toxicity. The permit includes requirements for cooling water intake structures.

Sewage sludge from the sewage treatment process will be pumped and hauled to Moores Creek Regional STP in Charlottesville, Virginia where it will undergo further treatment. Solids created by the combustion of fossil fuel and from other industrial activities are stored on site.

Based on the results of a study previously conducted by the permittee under Section 316(a) of the Clean Water Act, the State Water Control Board is considering the continuance of the approved thermal mixing zone and the current thermal effluent limitations, as required by Section 301(or 306) of the Act.

HOW TO COMMENT: DEQ accepts comments by hand delivery, e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester.

The Board will also accept written and oral comments at the public hearing. To make a statement at a public hearing, write your name on a sign-up sheet available before the hearing. You may sign up only for yourself. The time allowed for each statement is set by the hearing officer.

CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION: The public may review the documents at the DEQ-Valley Regional Office by appointment, or may request electronic copies of the draft permit and fact sheet.

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